

Table 3-1

**Summary of Data Quality Objectives  
Site Investigation  
Former Trap and Skeet Range, Parcel 127Q  
Fort McClellan, Calhoun County, Alabama**

Potential Data Users	Available Data	Conceptual Site Model	Media of Concern	Data Uses and Objectives	Data Types	Analytical Level	Data Quantity
EPA, ADEM USACE, DOD FTMC, IT Corporation, other contractors, and possible future land users	None	<u>Contaminant Source</u> Lead shot and semivolatile organic constituents from the petroleum-based clay pigeons from Former Trap and Skeet Range, Parcel 127Q	<u>Surface soil</u>	SI to confirm the presence or absence of contamination in the site media	<u>Surface soil</u> TCL SVOCs, TAL Metals and Nitroexplosives	Definitive data in CESAS Level B data packages	6 direct-push soil samples + QC
		<u>Migration Pathways</u> Infiltration to subsurface soil, infiltration and leaching to groundwater, and dust emissions and volatilization to ambient air, and biotransfer to deer through browsing	<u>Subsurface Soil</u>		<u>Subsurface Soil</u> TCL SVOCs, TAL Metals and Nitroexplosives	Definitive data in CESAS Level B data packages	6 direct-push soil samples + QC
		<u>Potential Receptors</u> Groundskeeper (current and future), Construction worker (future), Recreational site user (current and future), Resident (future).	<u>Depositional Soil</u>	Definitive quality data for future decision-making	<u>Depositional Soil</u> TCL SVOCs, TAL Metals and Nitroexplosives	Definitive data in CESAS Level B data packages	2 depositional soil samples + QC
		<u>PSSCs</u> Petroleum compounds, metals, and nitroexplosives	<u>Groundwater</u>		<u>Groundwater</u> TCL SVOCs, TAL Metals and Nitroexplosives	Definitive data in CESAS Level B data packages	4 groundwater samples + QC

ADEM - Alabama Department of Environmental Management.  
CESAS - Corps of Engineers South Atlantic Savannah.  
DOD - U.S. Department of Defense.  
EPA - U.S. Environmental Protection Agency.  
FTMC - Fort McClellan.  
PSSC - Potential site-specific chemical.  
QC - Quality control.

SI - Site investigation.  
SVOC - Semivolatile organic compound.  
TAL - Target analyte list.  
TCL - Target compound list.  
USACE - U.S. Army Corps of Engineers.